

IN THE CLAIMS

Please cancel claims 21 and 22 and amend claims 1, 2 and 23 as follows:

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1. (Amended) A method for detecting and separating vertical and horizontal asynchronous signals received by a monitor from a computer, comprising the steps of:

checking for inputs from a vertical synchronous signal terminal, a horizontal/composite synchronous signal terminal and a synchronous-on-green terminal of said computer to detect input forms of the vertical and horizontal synchronous signals from said computer;

generating reference vertical and horizontal synchronous signals when no input is detected during said step of checking for inputs from said vertical synchronous signal terminal, said horizontal/composite synchronous signal terminal and said synchronous-on-green terminal of said computer; [and]

[separating the vertical and horizontal synchronous signals from each other] performing synchronous signal separation in accordance with the input forms detected during said step of checking; and

adjusting polarities of the separated vertical and horizontal synchronous signals.

2. [The method as set forth in Claim 1, wherein said step checking comprises] A method for detecting vertical and horizontal synchronous signals received by a monitor from a computer, comprising the steps of:

checking [said] a horizontal/composite synchronous signal terminal to determine whether the horizontal synchronous signal is input;

checking [said] a vertical synchronous signal terminal to determine whether the vertical

7 synchronous signal is input, when it is determined that the horizontal synchronous signal is not input
8 from said horizontal/composite synchronous signal terminal;

9 checking [said] a synchronous-on-green terminal to determine whether said horizontal
10 synchronous signal is input, when it is determined that the vertical synchronous signal is not input from
11 said vertical synchronous signal terminal; and

a' cond. 2. making a determination that no synchronous signal has been input, generating reference
13 vertical and horizontal synchronous signals and returning to said step of checking said
14 horizontal/composite synchronous signal terminal, when it is determined that the horizontal
15 synchronous signal is not input from said synchronous-on-green terminal.

1 23. (Amended) A method for detecting and separating vertical and horizontal synchronous
2 signals received by a monitor from a computer, comprising the steps of:

a. 3 checking for inputs from a vertical synchronous signal terminal, a horizontal/composite
4 synchronous signal terminal and a synchronous-on-green terminal of said computer to detect input
5 forms of the vertical and horizontal synchronous signals from said computer;

6 generating reference vertical and horizontal synchronous signals when no input is detected
7 during said step of checking for inputs from said vertical synchronous signal terminal, said
8 horizontal/composite synchronous signal terminal and said synchronous-on-green terminal of said
9 computer; and

10 [separating the vertical and horizontal synchronous signals from each other] performing
11 synchronous signal separation in accordance with the input forms detected during said step of checking
12 and adjusting polarities of the separated vertical and horizontal synchronous signals.